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DATE: August 17, 2005 Total 17 Pages Including This Cover Sheet  
FAX: 571.273.8300  
TO: Central Fax for Amendments  
USPTO  
RE: Application No. 10/036,105  
FROM: David W. Roe

**\*\*Additional Notes:**

Response to Office Action Mailed May 17, 2005

US Application No. 10/036,105

Filing Date: October 17, 2001

"Method and Apparatus for Monitoring the Condition of a Downhole Drill Bit and  
Communicating the Condition to the Surface"

Applicant: Roger L. Schultz, et al.

Examiner: COLLINS, Giovanna M.

Art Unit: 3672

Attorney: David W. Roe, Registration No. 55,785

## Enclosures:

1. Transmittal (1 pg);
2. Amendment with Request for Telephone Interview (14 pgs), and
3. Change of Address (1 pg);
4. Fax Cover Sheet (1 pg).

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Docket No. SC-01-05

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Roger L. Schultz, et al. : Art Unit: 3672  
Application No.: 10/036,105 : Examiner: Collins, Giovanna M.  
Filing Date: October 17, 2001 : Docket No. SC-01-05  
For: Method and Apparatus for Monitoring the Condition of a Downhole Drill  
Bit, and Communicating the Condition to the Surface

TRANSMITTAL

Via Facsimile 571.273.8300  
Mail Stop Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450


Sir:

Enclosed are the following papers for the above-referenced patent application in response to the Office Action mailed May 17, 2005:

1. Transmittal;
2. Amendment with Request for Telephone Interview;
3. Change of Address; and
4. Facsimile Cover Sheet to fax number 571.273.8300.

No fee is believed to be due. However, the Commissioner is hereby authorized to charge payment of any fees associated with any of the foregoing papers submitted herewith, or to credit any overpayment thereof, to Deposit Account No. 07-2320.

Respectfully submitted,

  
David W. Roe

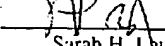
Registration Number 55,785

Date: August 17, 2005

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Certificate of Facsimile

I hereby certify this correspondence for Application No. 10/036,105, is being facsimile transmitted to The USPTO via fax number 571.273.8300 on August 17, 2005.

By:   
Sarah H. Lau

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Schultz *et al.*

AN 10/036,105

Filed: 10/17/2001

: Art Unit: 3672

: Examiner: Collins, Giovanna M.

: Atty's Docket: SC-01-05

For: Method and Apparatus for Monitoring the Condition of a Downhole Drill Bit, and  
Communicating the Condition to the Surface (confirmation no. 4527)

**AMENDMENT**

Honorable Commissioner of Patents and Trademarks  
Alexandria, VA 22313

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**AUG 17 2005**

Sir:

In response to the Office Action dated 05/17/2005, the following amendments and  
remarks are respectfully submitted. Any extension of time necessary to prevent  
abandonment has been requested, and any fee necessary for consideration of this paper has  
been authorized to be charged to Deposit Account Number 07-2320.